

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013534

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/086107 A (DEVELOGEN AKTIENGESELLSCHAFT FUER ENTWICKLUNGSBIOLOGISCHE FORSCHUNG; I) 31 October 2002 (2002-10-31) page 13, line 30 - page 14, line 24	44, 46-54
X	US 5 739 307 A (JOHNSON, JR. ET AL) 14 April 1998 (1998-04-14) column 5, lines 23-27 column 20, lines 26-54 column 22, paragraph 50-65	45-54, 59-63
A	EP 1 010 432 A (SUMITOMO PHARMACEUTICALS COMPANY, LIMITED) 21 June 2000 (2000-06-21) ----- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

03/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

ALCONADA RODRIGUEZ

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/013534

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DOHRMANN C ET AL: "IDENTIFICATION OF NOVEL DIFFERENTIATION FACTORS FOR STEM CELL-BASED DIABETES THERAPY" DIABETES, NEW YORK, NY, US, vol. 52, no. SUPPL 1, 2003, page A550, XP009042336 ISSN: 0012-1797</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/013534

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 59-63 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013534

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02086107	A	31-10-2002	DE 10290025 T0 WO 02086107 A2 EP 1379626 A2 JP 2004527249 T US 2005054102 A1	09-10-2003 31-10-2002 14-01-2004 09-09-2004 10-03-2005
US 5739307	A	14-04-1998	AU 714107 B2 AU 7105496 A CA 2194172 A1 EP 0787142 A1 JP 11512928 T NZ 318939 A NZ 332921 A NZ 332922 A WO 9708196 A1 US 6743628 B1 US 5747655 A US 6090778 A US 5817622 A US 5843914 A	16-12-1999 19-03-1997 01-03-1997 06-08-1997 09-11-1999 28-01-1999 30-03-2001 29-07-1999 06-03-1997 01-06-2004 05-05-1998 18-07-2000 06-10-1998 01-12-1998
EP 1010432	A	21-06-2000	AU 718500 B2 AU 5497098 A CA 2277955 A1 EP 1010432 A1 NZ 336865 A US 6391312 B1 CN 1250379 A WO 9832458 A1 US 2002122829 A1	13-04-2000 18-08-1998 30-07-1998 21-06-2000 26-01-2001 21-05-2002 12-04-2000 30-07-1998 05-09-2002